## **ABSTRACT**

A system target decoder operable to receive and process information. The system target decoder has a first demultiplexer that can demultiplex a transport stream into packets each having a given packet identifier. There are at least two transport buffers that can receive packets with the same packet identifier from the first demultiplexer. The transport buffers transfer the data to a smoothing buffer that in turn sends the data to a second demultiplexer. The second demultiplexer demultiplexes data from within the packets from the smoothing buffer into data access units.

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